

**Listing of Claims:**

- 1 1. (Original) A turf reinforcement mat comprising:
  - 2 at least one polymer net layer;
  - 3 a non-woven mat comprising a plurality of multi-dimensional polymer
  - 4 fibers; and,
  - 5 a polymer yarn, stitching said net layer to said non-woven mat.
- 1 2. (Original) The turf reinforcement mat of claim 1, wherein said multi-
- 2 dimensional polymer fiber has at least three edges and at least three channels.
- 1 3. (Original) The turf reinforcement mat of claim 1, wherein said multi-
- 2 dimensional polymer fiber is selected from the group consisting of polyolefins,
- 3 polyesters, polyamides and blends thereof.
- 1 4. (Original) The turf reinforcement mat of claim 1, wherein said multi-
- 2 dimensional fibers have a length from about 2 inches (5 cm) to about 12
- 3 inches (30 cm).
- 1 5. (Original) The turf reinforcement mat of claim 1, wherein said multi-
- 2 dimensional polymer fiber has a density of from about 300 denier (333
- 3 decitex) to about 2000 denier (2222 decitex).
- 1 6. (Original) The turf reinforcement mat of claim 5, wherein said multi-
- 2 dimensional polymer fiber has a density of from about 500 denier (555
- 3 decitex) to about 1100 denier (1222 decitex).
- 1 7. (Amended) The turf reinforcement mat of claim 1, wherein the polymer of ~~set~~  
2 said net layer is selected from the group consisting of polyolefins, polyesters,  
3 polyamides and blends thereof.

4 8. (Original) The turf reinforcement mat of claim 1, further comprising a second  
5 polymer net layer, said non-woven mat being located between said first and  
6 second nets.

1 9. (Original) The turf reinforcement mat of claim 1, wherein the tensile strength  
2 of the turf reinforcement mat is at least 30% greater than the tensile strength  
3 of an otherwise identical turf reinforcement mat having round multi-  
4 dimensional polymer fibers.

1 10. (Canceled) A method for erosion control and revegetation facilitation  
2 comprising:

3 providing a turf reinforcement mat comprising  
4 at least one polymer net layer,  
5 a non-woven mat comprising a plurality of multi-dimensional  
6 polymer fibers; and,  
7 a polymer yarn, stitching said net layer to said non-woven mat;  
8 laying said turf reinforcement mat on a section of ground to be  
9 reinforced;  
10 securing said turf reinforcement mat to the ground;  
11 distributing soil and seed onto said turf reinforcement mat such that the  
12 section of ground is quickly revegetated and thereby protected from  
13 further erosion.

1 11. (Canceled) A method for erosion control and revegetation facilitation as set  
2 forth in claim 10, wherein said multi-dimensional polymer fiber has at least  
3 three edges and at least three channels.

1 12. (Canceled) A method for erosion control and revegetation facilitation as set  
2 forth in claim 10, wherein said multi-dimensional polymer fiber is selected

3       from the group consisting of polyolefins, polyesters, polyamides and blends  
4       thereof.

1   13. (Canceled) A method for erosion control and revegetation facilitation as set  
2       forth in claim 10, wherein said multi-dimensional fibers have a length from  
3       about 2 inches (5 cm) to about 12 inches (30 cm).

1   14. (Canceled) A method for erosion control and revegetation facilitation as set  
2       forth in claim 10, wherein said multi-dimensional polymer fiber has a density  
3       of from about 300 denier (333 decitex) to about 2000 denier (2222 decitex).

1   15. (Canceled) A method for erosion control and revegetation facilitation as set  
2       forth in claim 14, wherein said multi-dimensional polymer fiber has a density  
3       of from about 500 denier (555 decitex) to about 1100 denier (1222 decitex).

1   16. (Canceled) A method for erosion control and revegetation facilitation as set  
2       forth in claim 10, wherein the polymer of set net layer is selected from the  
3       group consisting of polyolefins, polyesters, polyamides and blends thereof.

1   17. (Canceled) A method for erosion control and revegetation facilitation as set  
2       forth in claim 10, further comprising a second polymer net layer, said non-  
3       woven mat being located between said first and second nets.